


**COPY OF PAPERS  
ORIGINALLY FILED**

<b>FORM 1449</b> US Department of Commerce Patent and Trademark Office 	<b>ATTY DOCKET NO.:</b> SALK 2270	<b>SERIAL NO.:</b> 09/005,286
	<b>APPLICANT(S):</b> Evans and Blumberg	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>FILING DATE:</b> Jan. 9, 1998	<b>GROUP ART UNIT:</b> 1643

**RECEIVED**

**U.S. PATENT DOCUMENTS**



AUG 30 2002


EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	TECH. CENTER	DATE
	NONE						

**FOREIGN PATENT DOCUMENTS**

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
	NONE					



**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)**

	Adlercreutz and Mazur, "Phyto-oestrogens and Western Diseases" <i>Ann. Med.</i> 29:95-120 (1997)
	Altschul, et al., "Basic Local Alignment Search Tool" <i>J. Mol. Biol.</i> 215:403-140 (1990)
	Baes, et al., "A New Orphan Member of the Nuclear Hormone Receptor Superfamily That Interacts with a Subset of Retinoic Acid Response Elements" <i>Molecular and Cellular Biology</i> 14 (3):1544-1552 (1994)
	Bahouth, et al., "Immunological approaches for probing receptor structure and function" <i>TIPS</i> (12):338-343 (1991)
	Beato, et al., "Steroid Hormone Receptors: Many Actors in Search of Plot" <i>Cell</i> 83:851-857 (1995)
	Blumberg, et al., "Novel retinoic acid receptor ligands in <i>Xenopus</i> embryos" <i>Proc. Natl. Acad. Sci. USA</i> 93:4873-4878 (1996)

<b>EXAMINER</b> 	<b>DATE CONSIDERED</b> 8/5/05
--------------------------------------------------------------------------------------------------------	----------------------------------


**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY OF PAPERS  
ORIGINALLY FILED

FORM 1449 US Department of Commerce Patent and Trademark Office 	ATTY DOCKET NO.: SALK 2270	SERIAL NO.: .09/005,286
	APPLICANT(S): Evans and Blumberg	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: Jan 9, 1998 	GROUP ART UNIT: 1643

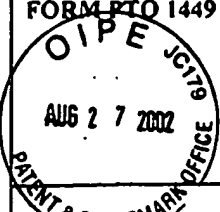
AUG 30 2002




✓		Burger, et al., "Paradoxical transcriptional activation of hepatic cytochrome P-450 3A1 by dexamethasone and the antiglucoctocoid pregnenolone 16 $\alpha$ -carbonitrile: Analysis by transient transfection into primary monolayer cultures of adult rat hepatocytes" <i>Proc. Natl. Acad. Sci. USA</i> 89:2145-2149 (1992)
	BOOK	Current Protocols in Molecular Biology (Ausubel et al., eds.) John Wiley and Sons, New York (1989)
		Denison and Whitlock, Jr., "Xenobiotic-inducible Transcription of Cytochrome P450 Genes" <i>The Journal of Biological Chemistry</i> 270 (31):18175-18178 (1995)
		Devereaux, et al., "A comprehensive set of sequence analysis programs for the VAX" <i>Nucleic Acids Research</i> 12 (1):387-395 (1984)
		Elshourbagy and Guzelian, "Separation, Purification, and Characterization of a Novel Form of Hepatic Cytochrome P-450 from Rats Treated with Pregnenolone-16 $\alpha$ -carbonitrile" <i>The Journal of Biological Chemistry</i> 255 (4):1279-1285 (1980)
		Enmark and Gustafsson, "Orphan Nuclear Receptors-The First Eight Years" <i>Molecular Endocrinology</i> 10 (11):1293-1307 (1996)
		Evans, R. M., "The Steroid and Thyroid Hormone Receptor Superfamily" <i>Science</i> 240:889-895 (1988)
		Fernandez-Salguero and Gonzalez, "The CYP2A gene subfamily: species differences, regulation, catalytic activities and role in chemical carcinogenesis" <i>Pharmacogenetics</i> 5:S123-S128 (1995)
✓		Forman, et al., "Hypolipidemic drugs, polyunsaturated fatty acids, and eicosanoids are ligands for peroxisome proliferator-activated receptors $\alpha$ and $\delta$ " <i>Proc. Natl. Acad. Sci. USA</i> 94:4312-4317 (1997)

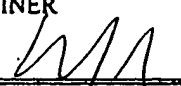
EXAMINER 	DATE CONSIDERED 8/15/02
-------------------------------------------------------------------------------------------------	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

FORM PTO 1449 US Department of Commerce Patent and Trademark Office 	ATTY DOCKET NO.: SALK 2270	AUG 30 2002 SERIAL NO.: TECH CENTER 1600/230
	APPLICANT(S): Evans and Blumberg	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: Jan. 9, 1998	GROUP ART UNIT: 1643

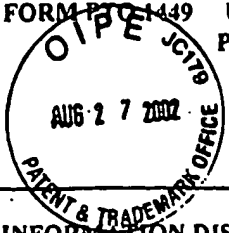
	Forman, et al., "Unique in Response Pathways Are Established by Allosteric Interactions among Nuclear Hormone Receptors" <i>Cell</i> 81:541-550 (1995)
	Gonzalez, et al., "Complete cDNA and Protein Sequence of a Pregnenolone 16 $\alpha$ -Carbonitrile-induced Cytochrome P-450" <i>The Journal of Biological Chemistry</i> 260 (12):7435-7441 (1985)
	Gonzalez, et al., "Pregnenolone 16 $\alpha$ -Carbonitrile-Inducible P-450 Gene Family: Gene Conversion and Differential Regulation" <i>Molecular and Cellular Biology</i> 6 (8):2969-2976 (1986)
	Gottlicher, et al., "Fatty acids activate a chimera of the clofibric acid-activated receptor and the glucocorticoid receptor" <i>Proc. Natl. Acad. Sci. USA</i> 89:4653-4657 (1992)
	Hankinson, O., "THE ARYL HYDROCARBON RECEPTOR COMPLEX" <i>Ann. Rev. Pharmacol. Toxicol.</i> 35:307-340 (1995)
	Hardwick, et al., "Cloning of DNA Complementary to Cytochrome P-450 Induced by Pregnenolone-16 $\alpha$ -carbonitrile" <i>The Journal of Biological Chemistry</i> 258 (16):10182-10186 (1983)
	Henikoff and Henikoff, "Amino acid substitution matrices from protein blocks" <i>Proc. Natl. Acad. Sci. USA</i> 89:10915-10919 (1992)
	Heuman, et al., "Immunochemical Evidence for Induction of a Common Form of Hepatic Cytochrome P-450 in Rats Treated with Pregnenolone-16 $\alpha$ -carbonitrile or other Steroidal or Non-Steroidal Agents" <i>Molecular Pharmacology</i> 21:753-760 (1982)
	Hollenberg, et al., "Primary structure and expression of a functional human-glucocorticoid receptor cDNA" <i>Nature</i> 318 (6047):635-641 (1985)
	Jonat, et al., "Antitumor Promotion and Antiinflammation: Down-Modulation of AP-1 (Fos/Jun) Activity by Glucocorticoid Hormone" <i>Cell</i> 62:1189-1204 (1990)



EXAMINER 	DATE CONSIDERED 8/15/02
-------------------------------------------------------------------------------------------------	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

AUG 30 2002

FORM PTO-1449 US Department of Commerce Patent and Trademark Office 	ATTY DOCKET NO.: SALK 2270	SERIAL NO.: TECH CENTER 1600/290C
	APPLICANT(S): Evans and Blumberg	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: Jan. 9, 1998	GROUP ART UNIT: 1643

	Juchau, M.R., "SUBSTRATE SPECIFICITIES AND FUNCTIONS OF THE P450 CYTOCHROMES" <i>Life Sciences</i> 47:2385-2394 (1990)
	Ladias and Karathanasis, "Regulation of the Apolipoprotein AI Gene by ARP-1, a Novel Member of the Steroid Receptor Superfamily" <i>Science</i> 251:561-565 (1991)
	Mangelsdorf and Evans, "The RXR Heterodimers and Orphan Receptors" <i>Cell</i> 83:841-850 (1995)
	Mangelsdorf, et al., "The Nuclear Receptor Superfamily: The Second Decade" <i>Cell</i> 83:835-839 (1995)
	Miyata, et al., "Transcriptional Elements Directing a Liver-Specific Expression of P450/6 $\beta$ A (CYP3A2) Gene-Encoding Testosterone 6 $\beta$ -Hydroxylase" <i>Archives of Biochemistry and Biophysics</i> 318 (1):71-79 (1995)
	Nebert and Gonzalez, P450 GENES: STRUCTURE, EVOLUTION, AND REGULATION" <i>Ann. Rev. Biochem.</i> 56:945-993 (1987)
	Needleman and Wunsch, "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins" <i>J. Mol. Biol.</i> 48:443-453 (1970)
	O'Malley and Conneely, "Orphan Receptors: In Search of Unifying Hypothesis for Activation" <i>Molecular Endocrinology</i> 6 (9):1359-1361 (1992)
	Ogura and Evans, "A retinoic acid-triggered cascade of <i>HOXB1</i> gene activation" <i>Proc. Natl. Acad. Sci. USA</i> 92:387-391 (1995)
	Perlmann et al., "Determination for selective RAR and TR recognition of direct repeat HREs" <i>Genes Dev.</i> 7:1411-1422 (1993)
	Quattrochi, et al., "A Novel <i>cis</i> -Acting Element in a Liver Cytochrome P450 3A Gene Confers Synergistic Induction by Glucocorticoids plus Antigluccorticoids" <i>The Journal of Biological Chemistry</i> 270 (48):28917-28923 (1995)
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

AUG 30 2002

SERIAL NO.:

TECH CENTER 1600/2901

FORM PTO 1449

US Department of Commerce  
Patent and Trademark OfficeATTY DOCKET NO.:  
SALK 2270

APPLICANT(S): Evans and Blumberg

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

FILING DATE: Jan. 9, 1998

GROUP ART UNIT: 1643

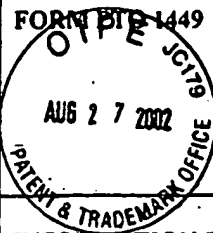
U	Russell and Wilson, "STEROID 5 $\alpha$ -REDUCTASE: TWO GENES/TWO ENZYMES" <i>Ann. Rev. Biochem.</i> 63:25-61 (1994)
N	Scheutz and Guzelian, "Induction of Cytochrome P-450 by Glucocorticoids in Rat Liver I. EVIDENCE THAT GLUCOCORTICOIDS REGULATE INDUCTION OF CYTOCHROME p-450 BY A NONCLASSICAL RECEPTOR MECHANISM" <i>The Journal of Biological Chemistry</i> 259 (3):2007-2012 (1984)
	Scheutz, et al., "Induction of Cytochrome P-450 by Glucocorticoids in Rat Liver I. EVIDENCE THAT GLUCOCORTICOIDS AND PREGNENOLONE 16 $\alpha$ -CARBONITRILE REGULATE <i>DE NOVO</i> SYNTHESIS OF A COMMON FORM OF CYTOCHROME P-450 IN CULTURES OF ADULT RAT HEPATOCYTES AND IN THE LIVER <i>IN VIVO</i> " <i>The Journal of Biological Chemistry</i> 259 (3):1999-2006 (1984)
	Schuele, et al., "Functional Antagonism between Oncoprotein c-Jun and the Glucocorticoid Receptor" <i>Cell</i> 62:1217-1226 (1990)
	Selye, H., "Hormones and Resistance" <i>Journal of Pharmaceutical Sciences</i> 60 (1):1-28 (1971)
	Smith, et al., "A novel nuclear receptor superfamily member in <i>Xenopus</i> that associates with RXR, and shares extensive sequence similarity to the mammalian vitamin D3 receptor" <i>Nucleic Acids Research</i> 22 (1):66-71 (1994)
	Staden, R., "The current status and portability of our sequence handling software" <i>Nucleic Acids Research</i> 14 (1):217-231 (1986)
	Sucov, et al., "Characterization of an autoregulated response element in the mouse retinoic acid receptor type $\beta$ gene" <i>Proc. Natl. Acad. Sci. USA</i> 87:5392-5396 (1990)
o	Umesono et al., "Direct Repeats as Selective Response Elements for the Thyroid Hormone, Retinoic Acid, and Vitamin D <sub>3</sub> Receptors" <i>Cell</i> 65:1255-1266 (1991)



EXAMINER

DATE CONSIDERED



EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY OF PAPERS  
ORIGINALLY FILED

FORM 1449 US Department of Commerce Patent and Trademark Office 	ATTY DOCKET NO.: SALK 2270	SERIAL NO.: 09/005,286
	APPLICANT(S): Evans and Blumberg	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: Jan. 9, 1998	GROUP ART UNIT: 1643

	Willy, et al., "LXR, a nuclear receptor that defines a distinct retinoid response pathway" <i>Genes &amp; Development</i> 9:1033-1045 (1995)
	Yang-Yen, et al., "Transcriptional Interference between c-Jun and the Glucocorticoid Receptor: Mutual Inhibition of DNA Binding Due to Direct Protein-Protein Interaction" <i>Cell</i> 62:1205-1215 (1990)

RECEIVED  
AUG 30 2002  
TECH CENTER 1600/2900

EXAMINER 	DATE CONSIDERED 
-------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**COPY OF PAPERS  
ORIGINALLY FILED**

Page 1 of 1

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SALK2270	SERIAL NO. 09/005,286
<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		APPLICANT Evans and Blumberg	
		FILING DATE 01/09/1998	GROUP ART UNIT 1631

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

**RECEIVED**

AUG 30 2002

TECH CENTER 1600/2900

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>d</i>	A1	WO 99/19354	4/22/99	PCT (Berkenstam et al.)				
<i>a</i>	A2	WO 99/48915	9/30/99	PCT (Kliwer et al.)				
<i>u</i>	A3	WO 99/61622	12/2/99	PCT (Liddle et al.)				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER <i>[Signature]</i>	DATE CONSIDERED 8/5/00
--------------------------------	---------------------------

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.